

S3 Appendix: Coding for new multidimensional sex/gender measure.

*NOTE: No write-ins, so no hand-recoding required. If variable Q3 is asked only of those who are not cisgender based on Q1 and Q2, then Q3 must be forward filled to indicate a male or female lived gender for cisgender participants. The coding below reflect this in that Q3_ff indicates a forward-filled variable.

```
/*-- New Multidimensional Sex/Gender Measure - SAS syntax for recodes --*/  
  
*Creating categories for "Cross-coded Gender Identity - 1";  
if Q1=1 then do;  
  if Q2=1 then MSGM_ID1='CisM';  
  if Q2=2 then MSGM_ID1='MTF';  
  if Q2=3 then MSGM_ID1='MT2S';  
  if Q2=4 then MSGM_ID1='MTNB';  
end;  
if Q1=2 then do;  
  if Q2=1 then MSGM_ID1='FTM';  
  if Q2=2 then MSGM_ID1='CisF';  
  if Q2=3 then MSGM_ID1='FT2S';  
  if Q2=4 then MSGM_ID1='FTNB';  
end;  
  
*Creating categories for "Cross-coded Gender Identity - 2";  
if MSGM_ID1='CisF' then MSGM_ID2='CisF';  
  if MSGM_ID1='CisM' then MSGM_ID2='CisM';  
  if MSGM_ID1 in ('MTF','MT2S','MTNB') then MSGM_ID2='TFEM';  
  if MSGM_ID1 in ('FTM','FT2S','FTNB') then MSGM_ID2='TMASC';  
  
*Coding categories for "Cross-coded Lived Gender - 1";  
if Q1=1 then do;  
  if Q3_ff=1 then MSGM_LV1='CisM';  
  if Q3_ff=2 then MSGM_LV1='MTF';  
  if Q3_ff in (3,4) then MSGM_LV1='MTNB';  
end;  
if Q1=2 then do;  
  if Q3_ff=1 then MSGM_LV1='FTM';  
  if Q3_ff=2 then MSGM_LV1='CisF';  
  if Q3_ff in (3,4) then MSGM_LV1='FTNB';  
end;  
  
*Coding categories for "Cross-coded Lived Gender - 2";  
if MSGM_LV1="CisF" then MSGM_LV2='CisF';  
  if MSGM_LV1="CisM" then MSGM_LV2='CisM';  
  if MSGM_LV1 in ('MTF','MTNB') then MSGM_LV2='TFEM';  
  if MSGM_LV1 in ('FTM','FTNB') then MSGM_LV2='TMASC';  
  
*If desired, coding for whether living in gender one identifies as;  
*For trans subgroup;  
if MSGM_ID2 in ('TFEM','TMASC') then MSGM_OUT=0;  
  if MSGM_ID2='TFEM' and MSGM_LV2='TFEM' then MSGM_OUT=1;  
  if MSGM_ID2='TMASC' and MSGM_LV2='TMASC' then MSGM_OUT=1;
```